

Product datasheet

Anti-SIRT6 antibody ab118487

画像数 3

製品の概要

製品名	Anti-SIRT6 antibody
製品の詳細	Rabbit polyclonal to SIRT6
由来種	Rabbit
アプリケーション	適用あり: WB, IHC-P
種交差性	交差種: Human 交差が予測される動物種: Dog
免疫原	Synthetic peptide conjugated to KLH corresponding to residues in Human SIRT6 (NP_057623.1).
ポジティブ・コントロール	Human testis tissue; HepG2 cell lysate.

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at -20°C.
バッファー	Constituents: 2% Sucrose, 97% PBS
精製度	Protein A purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab118487** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
WB		Use a concentration of 1.25 µg/ml. Predicted molecular weight: 39 kDa.
IHC-P		Use a concentration of 10 µg/ml.

ターゲット情報

機能

NAD-dependent protein deacetylase. Has deacetylase activity towards histone H3K9Ac and H3K56Ac. Modulates acetylation of histone H3 in telomeric chromatin during the S-phase of the cell cycle. Deacetylates histone H3K9Ac at NF-kappa-B target promoters and may down-regulate the expression of a subset of NF-kappa-B target genes. Acts as a corepressor of the transcription factor HIF1A to control the expression of multiple glycolytic genes to regulate glucose homeostasis. Required for genomic stability. Regulates the production of TNF protein. Has a role in the regulation of life span (By similarity). Deacetylation of nucleosomes interferes with RELA binding to target DNA. May be required for the association of WRN with telomeres during S-phase and for normal telomere maintenance. Required for genomic stability. Required for normal IGF1 serum levels and normal glucose homeostasis. Modulates cellular senescence and apoptosis. On DNA damage, promotes DNA end resection via deacetylation of RBBP8. Has very weak deacetylase activity and can bind NAD(+) in the absence of acetylated substrate.

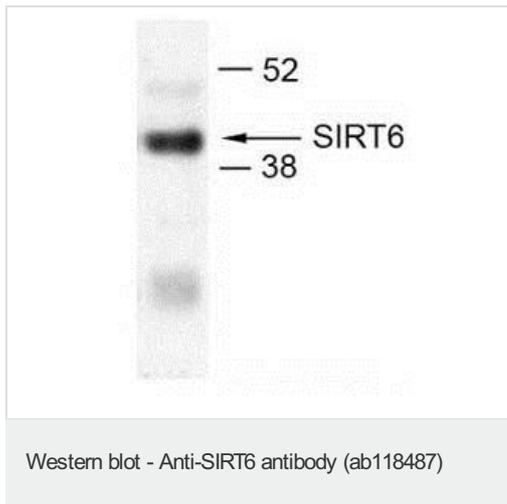
配列類似性

Belongs to the sirtuin family. Class IV subfamily.
Contains 1 deacetylase sirtuin-type domain.

細胞内局在

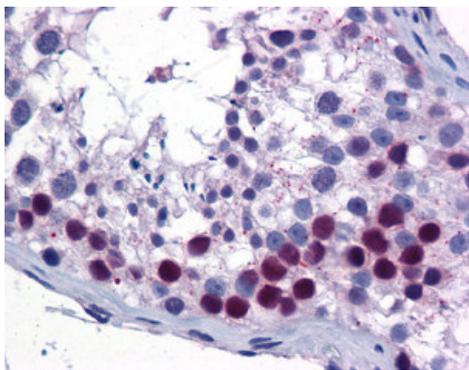
Nucleus, nucleoplasm. Predominantly nuclear. Associated with telomeric heterochromatin regions.

画像



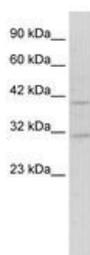
Anti-SIRT6 antibody (ab118487) + U2OS cell
lysate

Predicted band size: 39 kDa



ab118487 at 10 μ g/ml staining SIRT6 in Formalin-fixed, Paraffin-embedded Human testis tissue by immunohistochemistry.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SIRT6 antibody (ab118487)



Anti-SIRT6 antibody (ab118487) at 1.25 μ g/ml + HepG2 cell lysate

Predicted band size: 39 kDa

Western blot - Anti-SIRT6 antibody (ab118487)

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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